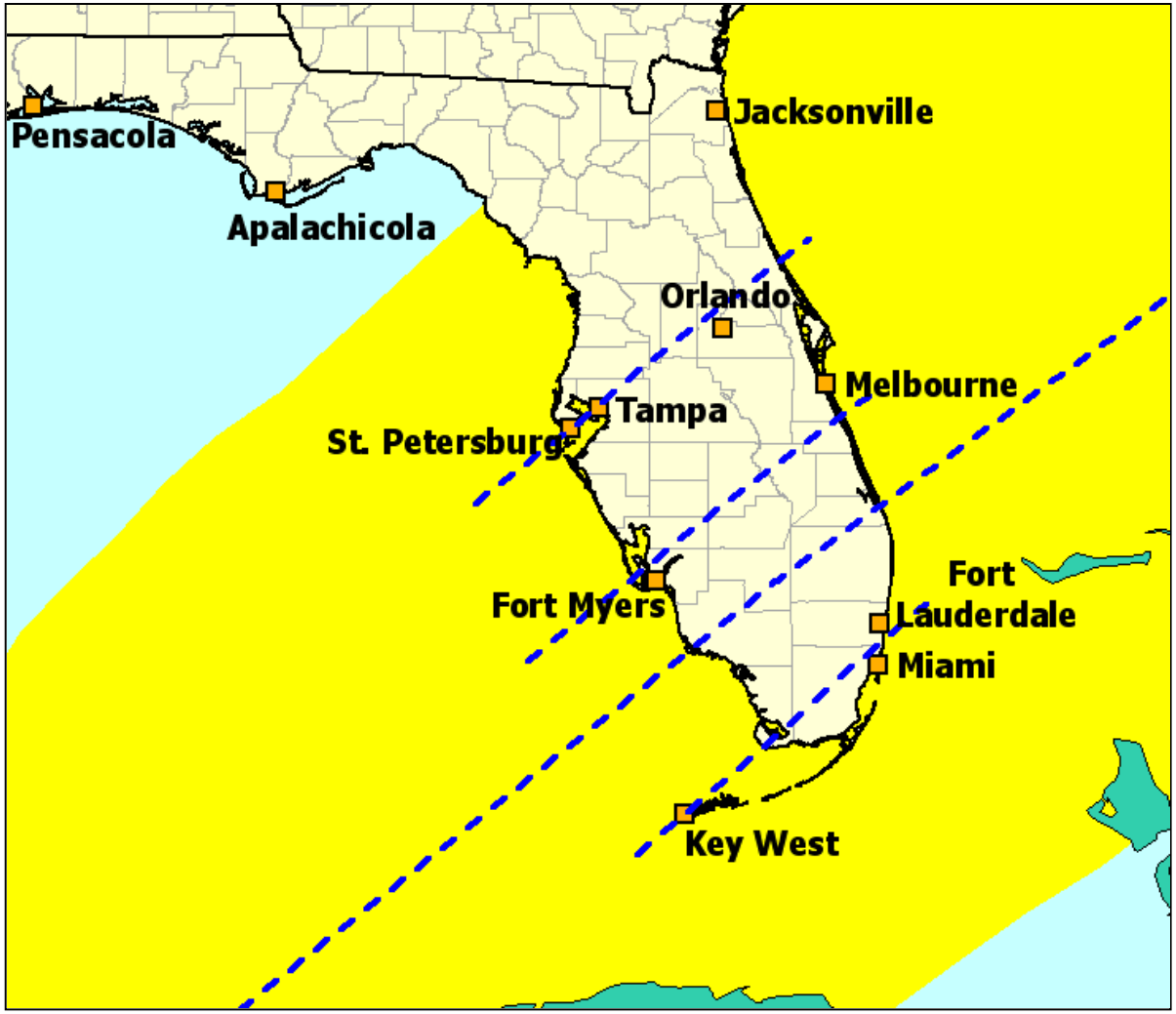
# Hurricane Wilma Model Results

## Landfall Expected Within About *72* Hours

**For Official Use Only!**




Information provided on the this page displays **possible hurricane tracks** based on information from the **National Hurricane Center (NHC)**. All possible tracks include hurricane force winds to the Atlantic coast. These projections are based on information from the NHC (1100 – 10/20/2005) forecast and modeled for a **CAT 3** look ahead storm.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

**urricane Wilma 3-Day Model**

**Generated By:** Terry Siemsen and Paul Deatrick
**Generated Date:** 1200 EDT 10/20/2005

**Sources:**
HURREVAC
LRL-DEBRIS

# Hurricane Wilma Model Results

## Landfall Expected Within About *72* Hours

### Values Provided For Planning Purposes

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| | Debris | Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day) | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | Commodity Trucks | Within Hurricane Force Winds | |
| | Debris (cu yds) | Day One (25%)* | Day Two (50%)* | Day Three (100%)* | Day 1-3 Total | Population | Households |
| **Key West - Miami Track** | 10,000,000 | 50 | 100 | 150 | 300 | 2,525,000 | 894,000 |
| **Naples Track** | 2,500,000 | 33 | 33 | 33 | 99 | 410,000 | 170,000 |
| **Fort Myers Track** | 12,000,000 | 50 | 69 | 69 | 188 | 864,000 | 358,000 |
| **Tampa - St. Petersburg Track** | 36,000,000 | 50 | 100 | 150 | 300 | 3,195,000 | 1,332,000 |

**Key assumption is that establishment of distribution lanes will be the limiting factor.**

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

| | Temporary Roofing | Temporary Housing | Hospitals | Police Stations | Fire Stations | Schools |
|---|---|---|---|---|---|---|
| **Key West - Miami Track** | 23,000 | 3,000 | 41 | 93 | 30 | 683 |
| **Naples Track** | 16,000 | 2,000 | 4 | 22 | 18 | 104 |
| **Fort Myers Track** | 19,000 | 9,000 | 10 | 24 | 26 | 193 |
| **Tampa - St. Petersburg Track** | 59,000 | 21,000 | 45 | 84 | 63 | 866 |

*Assumption for critical facilities is the number of facilities inside projected hurricane force winds - no buffer used.

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